# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 23 Oct 2020 until 23:59 on Saturday 24 Oct 2020

Forecast Issued on Thursday 22 Oct 2020 at 10:11

**Confidence:** High for a rather unsettled theme and for spells of rain, but lower confidence for timings

**Headline for Friday 23 Oct 2020:** Some rain at first but soon clearing then brighter for a time, but cloud and rain will spread from west in morning. Some heavy rain before clearing to bright spells and a few showers in the afternoon.

**Mountain weather hazards on Friday 23 Oct 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
Low Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Cloudy | Light rain | Cloudy | Light rain | Heavy Rain | Sunny intervals | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 10% | 40% | 10% | 50% | 70% | 10% | <05% | <05% |

**Forecast for Friday 23 Oct 2020**

**Weather:** Cloud will thicken and lower overnight to bring outbreaks of rain with hill fog becoming quite persistent over western slopes. Rain clearing away soon after daybreak, then bright or sunny spells but cloud will thicken from mid-morning to bring outbreaks of rain from the west. Rain will become heavy for a time before clearing and becoming brighter in the afternoon with sunny spells and the odd shower following. Dry with clear periods in the evening

**Chance of cloud free mountain/hill tops above 600m:** 30% improving to 70% soon after daybreak, but falling to 20% in the morning with cloud down to 500m by lunchtime, with patches 400m in west. Becoming 90% in afternoon with cloud lifting and breaking, leaving only occasional cloud down to 600m

**Visibility:** Generally good, but becoming poor in rain and some reductions in showers.

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# Mountain Weather Forecast

**Forecast for Friday 23 Oct 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/26 SW | 19/26 SW | 19/25 SW | 21/28 SW | 24/32 SW | 20/28 W | 18/25 SW | 19/28 SW | 23/33 SW |
| **300** | 10/19 S | 11/19 S | 11/18 S | 14/21 SW | 17/26 SW | 14/22 W | 11/19 SW | 12/21 SW | 14/24 S |
| **Valley** | 6/18 S | 6/18 S | 5/17 S | 8/19 S | 11/24 SW | 10/22 W | 7/19 SW | 7/20 SW | 9/22 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/-1 | 4/-1 | 5/-0 | 5/-0 | 6/0 | 6/1 | 5/-0 | 4/-1 | 4/-2 |
| **300** | 6/3 | 7/4 | 7/4 | 8/4 | 8/4 | 8/5 | 7/4 | 6/3 | 6/2 |
| **Valley** | 5/3 | 6/4 | 7/5 | 8/6 | 8/6 | 9/7 | 7/5 | 6/4 | 6/3 |
| **Freezing Level*** | 1000m | 1400m | 1400m | 1600m | 1600m | 1200m | 1200m | 1200m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A reasonably mild day with mostly light winds, but damp and murky for a time with rain and breezier over the tops.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 22 Oct 2020 | 0mm | 0mm | 2.6mm |

**Forecast for Saturday 24 Oct 2020**

**Weather:** A mostly dry, bright but rather cloudy start, but rain will spread from west in morning and rain will become heavy and prolonged in the early afternoon with difficult conditions as winds also increase. Rain clearing in evening but staying mostly cloudy with occasional showers.

**Maximum wind:** Southwest 25 gust 35mph increasing 35-40mph in morning with gusts 55mph over Dark Peak. Decreasing 25-30 gust 40mph in evening as winds become a little more westerly.

**Chance of cloud free mountain/hill tops above 600m:** Around 70% at first and later in evening, with cloud occasionally down to 600m, but chance 20% or less for much of the day with persistent cloud down to 400 or 500m.

**Visibility:** Mainly good at first and out of showers later, but often poor in rain and very poor at height with cloud lowering onto the slopes

**Temperature:** **Valleys:** Plus 6 C rising to plus 13 C
**At 600m:** Plus 4 C rising to plus 8 C
**Freezing level:** Above the tops

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